



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 Applicants: Hsu-Feng Ho Examiner: Kinkead, Arnold M
Tse-Hsiang Hsu
Filing Date: 09/13/2002 Art Unit: 2817
Serial No.: 10/065,045 Docket No.: MTKP0019USA

10 Title: Phase-Locked Loop Having Phase Detector Error
Signal Reshaping and Method Thereof

To: Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-145

Subject: Response to the Office action dated 11/18/2003

20

INTRODUCTORY COMMENTS

The application is amended in an effort to place the application in condition for allowance. No new matter is introduced by these amendments. Consideration of all amendments is politely requested.



PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Note: Each paper must have its own certificate of transmission, or this certificate must identify
each submitted paper.

APPLICATION NUMBER: 10/065,045

PAPERS INCLUDED:

| | |
|-----------------------------------|---------|
| (1) Transmittal Form | 1 PAGE |
| (2) Fee Transmittal | 1 PAGE |
| (3) Response to the Office Action | 6 PAGES |

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Image

2817

HP LaserJet 3330

41,526 WINSTON HSU
886289237390
30-Jan-2004 18:00



Fax Call Report

| Job | Date | Time | Type | Identification | Duration | Pages | Result |
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|---|------------------------|-------------------|
| | | Application Number | 10/065,045 |
| | | Filing Date | 09/13/2002 |
| | | First Named Inventor | Hsu-Feng Ho |
| | | Art Unit | 2817 |
| | | Examiner Name | Kinkead, Arnold M |
| Total Number of Pages in This Submission | 8 | Attorney Docket Number | MTKP009LJS |

| ENCLOSURES (Check all that apply) | | | |
|--|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please Identify below): | Remarks <p>Response to the office action has been sent to the examiner by fax on 01/30/2004.</p> |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|-------------------------------|
| Firm or Individual name | Winston Hsu, Reg. No.: 41,526 |
| Signature | |
| Date | 1/30/2004 |

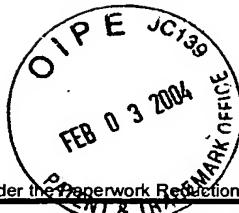
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|-----------------------|------|--|
| Typed or printed name | | |
| Signature | Date | |

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) **0.00**

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 10/065.045 |
| Filing Date | 09/13/2002 |
| First Named Inventor | Hsu-Feng Ho |
| Examiner Name | Kinkead, Arnold M |
| Art Unit | 2817 |
| Attorney Docket No. | MTK P0019 USA |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

50-0801

Deposit Account Number
Deposit Account Name
North America International Patent Office

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|--------------|--------------|------------------------|---------------|-----------------|----------|
| 1001 770 | 2001 385 | Utility filing fee | | | |
| 1002 340 | 2002 170 | Design filing fee | | | |
| 1003 530 | 2003 265 | Plant filing fee | | | |
| 1004 770 | 2004 385 | Reissue filing fee | | | |
| 1005 160 | 2005 80 | Provisional filing fee | | | |

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| | | | -20** | = | |
| | | | - 3** | = | |

| Large Entity | Small Entity | Fee Description |
|--------------|--------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

(Complete if applicable)

SUBMITTED BY

| | | | | | |
|-------------------|--------------------|-----------------------------------|-----------|-----------|--------------|
| Name (Print/Type) | Winston Hsu | Registration No. (Attorney/Agent) | 41,526 | Telephone | 886289237350 |
| Signature | <i>Winston Hsu</i> | | | | |
| | | Date | 7/30/2004 | | |

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